

Assignment 2 – TFTP Proxy Server

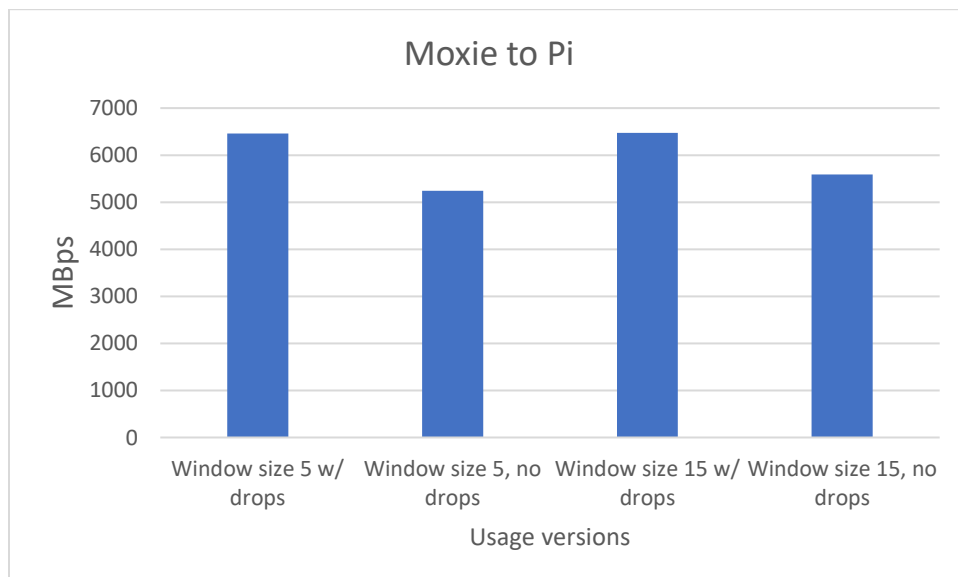
A CSC-445 Project

Abstract

Assignment 2 is an assignment that involves several different pieces of what we have learned so far. We implemented a Trivial File Transfer Protocol (TFTP) for communication between a proxy server and a client. We then had to create a sliding window to dynamically change the number of packets the client could receive. In my project I also integrated HTTP and a serialized storage of images, so the proxy server did not have to enact HTTP if the picture was already stored. Below is the throughput measured from several different window sizes and clients.

Throughput Data

Server: Moxie to Client: Pi



Server: Moxie to Client: Rho

